

1. As a baseball flies through the air after being hit, which of the following types of energy does it have?

- a. potential energy
- b. kinetic energy
- c. mechanical energy
- d. chemical energy

2. Which of the following is true at the point where you reach the top of your jump on a trampoline?

- a. The mechanical energy is zero.
- b. The potential energy is at a maximum.
- c. The kinetic energy and potential energy are equal.
- d. The potential energy is zero.

3. What is the ability to do work called?

- a. movement
- b. energy
- c. power
- d. force

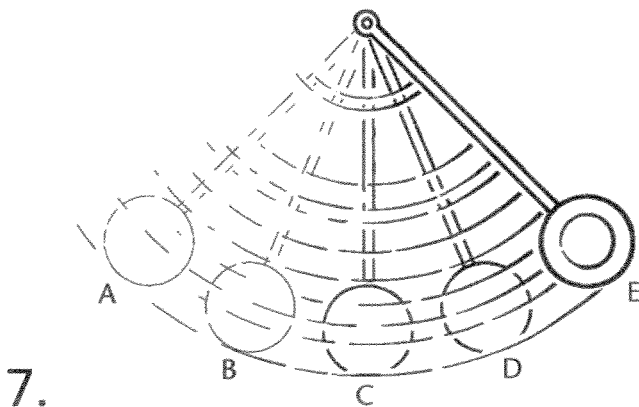
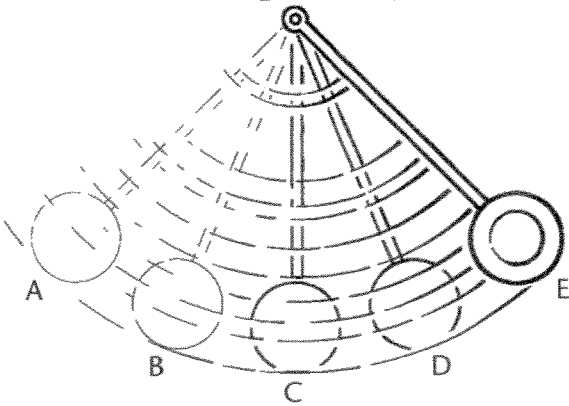
4. What is the energy of motion called?

- a. potential energy
- b. mechanical energy
- c. kinetic energy
- d. force energy

5. Which of the following laws states that energy cannot be created or destroyed?

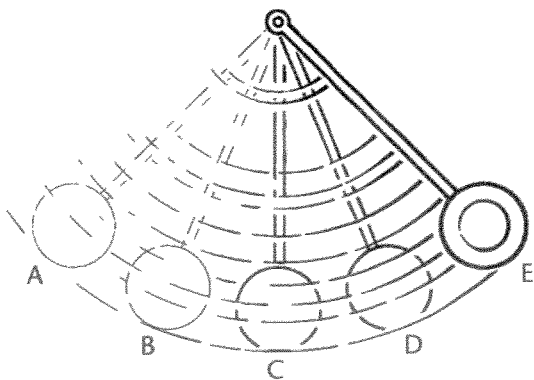
- a. law of conservation of power
- b. law of conservation of energy
- c. law of changing energy
- d. law of energy changes

6. At which point(s) does the pendulum have the most potential energy?



7. At which point(s) does the pendulum have the most kinetic energy?

8. Name two point where the pedulum is increasing in kinetic energy.



9. Potential or Kinetic?

The energy that exists before baking soda and vinegar combine to create carbon dioxide gas.

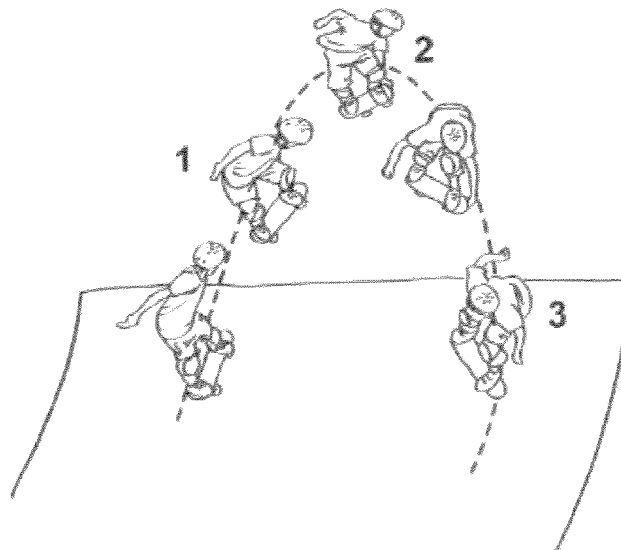
10. Potential or Kinetic?

The flexed string of an archer's bow.

11. Potential or kinetic?

Exploding fireworks.

12. At which number is the greatest potential energy?



13. What is the energy transformation?

Solar Calculator



14. What is the energy transformation?

Piano



15. Name the type of energy that is stored?

16. Which type of energy?

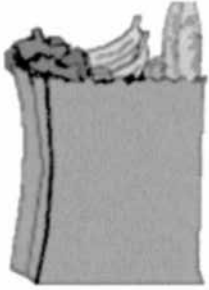


Melting
ice cream



Heating soup

17. Which type of energy?



Foods people
eat



Striking a
match

18. Which type of energy?



Leaping frog



Moving
automobile

